

NOTE:
1. VERIFY D
GENERATOR
DRAWINGS

PANEL DESIGNATION: ELP LOCATION: SWTC ROOF GEN
SERVICE: 120Y/208 VOLTS 3 PHASE 4
MAINS: 225 AMPS WITH 125 AMP MAIN BKR

SERVICE TO:	CONNL. KVA			BRANCH CIRCUITS	CONNL. KVA		
	A	B	C		A	B	C
GEN. #1 GENERATOR HEATER	0.75	15A	1	2	20A	1.2	GEN.
GEN. #2 GENERATOR HEATER	0.75	15A	3	4	20A	1.2	GEN.
ROOM UNIT HEATERS (400/8 HPEA)	1.0	20A	5	6	20A	1.0	ROOM
BLDG. SCADA I/O, DIP	1.2	20A	7	8	20A	1.0	ROOM
PNEUMATIC CONTROL PNL	1.2	15A	9	10	15A	0.7	CONV.
CONVENIENCE RECEPTACLES	1.0	15A	11	12	15A	0.7	CONV.
CONVENIENCE RECEPTACLES	1.0	15A	13	14	15A	3.4	WELD.
RECEPTACLE AT BOOTH (PC)	1.5	15A	15	16	15A	3.4	WELD.
CONVENIENCE RECEPTACLES	1.0	15A	17	18	15A	3.6	SPARE
SYSTEM BATTERY CHARGER	2.0	20A	19	20	15A	0.75	SPARE
SPARE (FUTURE GEN#3 HEATER)	0.75	15A	21	22	15A	0.75	SPARE
SPARE (FUTURE GEN#4 HEATER)	0.75	15A	23	24	15A	1.2	SPARE
SPARE (FUTURE GEN#3 BAT. CHGR)	1.2	15A	25	26	15A	1.2	SPARE
SPARE (FUTURE GEN#4 BAT. CHGR)	1.2	15A	27	28	15A	0.75	OUTS.
SECURITY LOCAL CONTROL PNL	1.2	15A	29	30	15A	1.3	CONTR.
CONTROL BOOTH CONDENSER	1.2	20A	31	32	15A	1.3	CONTR.
SPARE	1.2	33	33	34	1	1.3	SPARE
SPARE	1.2	37	37	38	1	1.3	SPARE
SPARE	1.2	39	39	40	1	1.3	SPARE
SPARE	1.2	41	41	42	1	1.3	SPARE

PANEL DESIGNATION: PPR LOCATION: SWTC ROOF GEN
SERVICE: 480Y/277 VOLTS 3 PHASE 4
MAINS: 400 AMPS WITH 225 AMP MAIN BKR

SERVICE TO:	CONNL. KVA			BRANCH CIRCUITS	CONNL. KVA		
	A	B	C		A	B	C
GEN. #1 JACKET WATER HEATER	3.0	30A	1	2	20A	1.0	GEN.
GEN. #2 JACKET WATER HEATER	3.0	30A	3	4	20A	1.0	GEN.
GEN. #3 JACKET WATER HEATER	3.0	30A	5	6	20A	1.0	GEN.
PANEL 'ELP' VIA 30KVA TXR	10.0	100A	9	10	30A	7.0	PANEL
FAN EF-27 SHP	10.0	11	11	12	11	7.0	FAN
FAN EF-27 SHP	2.5	20A	15	16	15A	0.4	FAN
SPARE (FUTURE C#3 JACKET W/HTR)	2.5	17	17	18	15A	0.4	SPARE
SPARE (FUTURE C#4 JACKET W/HTR)	3.0	20A	21	22	20A	3.0	SPARE
SPARE (FUTURE C#5 JACKET W/HTR)	3.0	20A	23	24	20A	3.0	SPARE
DUPLEX FUEL OIL PUMP 2HP	1.0	20A	25	26	20A	3.0	DUPLEX
SPARE	1.0	27	27	28	20A	3.0	SPARE
SPARE	1.0	31	31	32	20A	3.0	SPARE
SPARE	1.0	33	33	34	20A	3.0	SPARE
SPARE	1.0	35	35	36	20A	3.0	SPARE
SPARE	1.0	37	37	38	20A	3.0	SPARE
SPARE	1.0	39	39	40	20A	3.0	SPARE
SPARE	1.0	41	41	42	20A	3.0	SPARE

PANEL DESIGNATION: ELP LOCATION: SWTC ROOF GEN
SERVICE: 277/480 VOLTS 3 PHASE 4
MAINS: 100 AMPS WITH 30 AMP MAIN BKR

SERVICE TO:	CONNL. KVA			BRANCH CIRCUITS	CONNL. KVA		
	A	B	C		A	B	C
GEN. BULKHEAD LTC	1.2	15A	1	2	15A	1.4	GEN. B
GEN. BULKHEAD LTC	1.2	15A	3	4	15A	1.4	GEN. B
SPARE	1.2	15A	5	6	15A	1.4	SPARE
SPARE	1.2	15A	7	8	15A	1.4	SPARE
SPARE	1.2	15A	9	10	15A	1.4	SPARE
SPARE	1.2	15A	11	12	15A	1.4	SPARE

5 WTC STANDBY GENERATOR
BULKHEAD-POWER PLAN